

Application/Control Number: 09/784,979  
Art Unit: 2664

Docket No.: 113238Con-2

Amendments to the Claims:

Kindly amend the claims as follows.

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-20 (Cancelled).

21. (Currently Amended) A method for enhancing data throughput in a fixed wireless communication system that includes a plurality of remote units, a base unit, a forward communication channel from the base unit to said plurality of remote units, and a shared reverse communication channel from said remote units to said base unit wherein each communication channel comprises a plurality of time slots, the method comprising the steps of:  
at a first remote unit,  
detecting an idle status indicator transmitted on a first time slot on said forward channel;  
transmitting a first portion of a data package to said base unit on the reverse communication channel in a time slot following a detection of an idle status; and  
monitoring an idle status indicator and a decode indicator in time slots along the forward channel after transmitting said first portion;  
at the base unit,  
receiving data in a time slot from the reverse channel[ , ];  
attempting to decode the received data[ , ];  
in a time slot along the forward channel,  
changing an idle status indicator to indicate a busy state[ , ];

Application/Control Number: 09/784,979  
Art Unit: 2664

Docket No.: 113238Con-2

setting a decode indicator to reflect whether the decoding attempt was successful[[,]]; and  
transmitting said time slot along the forward channel[[;]],  
wherein when said first remote unit receives a round trip time slot that occurs at a round-trip time after transmitting the first portion and said round trip time slot has an idle status indicator that indicates a busy status and a decode indicator that indicates that the base unit successfully decoded said first portion, said first remote unit transmits a remainder of said data package in a plurality of subsequent time slots.

22. (Original) The method of claim 21 wherein at a second remote unit steps include,  
detecting an idle status indicator transmitted on a second time slot, that follows said first time slot on said forward channel;  
transmitting a first portion of a second data package to said base unit on the reverse communication channel in a time slot that follows the time slot used by the first portion transmitted by said first remote unit;  
monitoring the idle status indicator and decode indicator in time slots after transmitting said first portion of said second data package;  
detecting that said base unit has changed its idle status in the round trip slot associated with the first remote unit; and  
in response to said detecting of a change in idle status, delaying transmission of a remainder of said second data package even if said first portion of said second data package was successfully received by said base unit.